IN THE CLAIMS

Please amend the claims as follows:

1-13. (Canceled)

14. (Currently Amended) A method for manufacturing an information storage medium ~~according to claim 12~~, comprising:

providing a medium having an approximately plane front face and an approximately plane opposite back face, wherein the medium is configured to be read and/or written by a read and/or write device placed facing the front face;

predetermining a distance separating the front face from a magnetic deposit being such that the read and/or write device can read and write the information in the magnetic deposit;

providing recessed areas in the back face having the predetermined distance between the front face and the bottom of the recessed areas; and

providing the magnetic deposit used for information storage within the recessed areas, thereby forming a discrete information storage array on the back face wherein each recessed area is configured to contain at least one magnetic domain representing an elementary bit defined by a magnetization direction

~~in which the medium is formed including the approximately plane front face, the back face, and a discrete information storage array on the back face, in a form of recessed areas provided with a magnetic deposit, each recessed area configured to contain at least one magnetic domain representing an elementary bit defined by a magnetization direction~~.

15. (Currently Amended) [[A]] The method according to claim 14, further comprising:

providing on the back face ~~in which the back face also includes~~ areas configured to make the medium stiff.

16. (Currently Amended) [[A]] The method according to claim 14, further comprising:

forming the magnetic deposit in the bottom of the recessed areas ~~in which the magnetic deposit is formed in the bottom of the recessed areas~~ using a beam of atoms of at least one magnetic material directed onto the back face of the medium, the beam substantially perpendicular to the back face.

17. (Currently Amended) [[A]] The method according to claim 14, further comprising:

forming the magnetic deposit ~~in which the magnetic deposit is formed~~ on all or part of the sidewalls of the recessed areas using a beam of atoms of at least one magnetic material directed onto the back face of the medium, the beam oblique to the back face.

18. (Currently Amended) [[A]] The method according to claim 14, further comprising:

providing the front face on a first layer of the medium;

providing the back face on a substrate layer attached to the first layer; and

forming the recessed areas ~~in which the medium includes a substrate and the recessed areas are formed~~ directly in the substrate layer.

19. (Currently Amended) [[A]] The method according to claim ~~14~~ 18, further comprising:

~~in which the medium comprises a first layer and a second layer formed on the first layer~~

forming~~, and wherein~~ the recessed areas ~~are formed~~ through the second layer such that the first layer forms the bottom of the recessed areas ~~is formed by the first layer~~.

20. (Currently Amended) [[A]] The method according to claim 14, further comprising:

forming ~~in which the recessed areas are formed by etching through~~ an etching mask ~~previously formed~~ on the back face;

forming the recessed areas by etching through the etching mask;

providing the magnetic deposit to the back face including the etching mask; and

removing the etching mask and the magnetic deposit formed on the etching mask~~, the magnetic deposit is then formed and the etching mask is eliminated including the magnetic deposit located on it due to formation of the magnetic deposit~~.

21. (Currently Amended) [[A]] The method according to ~~claims~~ claim 14, further comprising:

affixing an auxiliary substrate to the back face of the medium ~~in which the back face of the medium is fixed to an auxiliary substrate, the medium being provided with recessed areas comprising the magnetic deposit~~.

22. (Currently Amended) [[A]] The method according to claim 14, further comprising:

forming the first layer of the medium on a first substrate;

forming the second layer of the medium on the first layer;

forming the third layer of the medium on the second layer;

forming the recessed areas through the third layer such that the second layer forms the bottom of the recessed areas;

forming the magnetic deposit in the recessed areas of the third layer on the second layer; and

affixing a second substrate to the third layer

~~in which a first layer is formed on a substrate, a second layer is formed on the first layer, and a third layer is formed on the second layer, the recessed areas are formed through the third layer such that the bottom of the recessed areas is formed by the second layer, the magnetic deposit is formed in the recessed areas, the second layer is separated from the substrate, and the recessed areas are closed off by a fourth layer~~.